Honorable Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

703 837-9600

1727 KING STREET ALEXANDRIA, VIRGINIA 22314-2700

DENNISON, SCHULTZ, DOUGHERTY & MACDONALD LAW OFFICES

| The Filing Fee has been calculated as shown: |  |
|--|--|
| PLEASE ENTER PRELIMINARY AMENDMENT           | PRIOR TO CALCULATING FILING FEE              |
| BASIC FEE                                    | (Small Entity) (Large Entity)<br>\$385 \$770 |
| Total Claims - 20 = 0                        | x \$ 9 = x \$ 18 =                           |
| Indep. Claims - 3 = 0                        | x \$ 43 = x \$ 86 =                          |
| Multiple Dependent Claims Presented          | + \$145 = + \$290 =                          |
| TOTAL  | \$385 \$                                     |
|  |  |
|  | uthorized to charge payment of any           |

under 37 CFR §1.17, or credit any overpayment, to Deposit Account

PLEASE CONDUCT CORRESPONDENCE WITH THE UNDERSIGNED ATTORNEY.

04-0753. A duplicate copy of this sheet is enclosed.

Date: Secombes 12, 2003

Malcolm J. MacDonald Registration No. 40250

Customer No. 23338

DENNISON, SCHULTZ, DOUGHERTY & MACDONALD 1727 King Street, Suite 105 Alexandria, Virginia 22314-2700 (703) 837-9600 (703) 837-0980 (fax)